

CLAIMS

1. A humidity indicator, comprising at least one humidity-determining face (M1 to M4) which is provided on a surface of a humidity-determining plate (P) comprising cobalt chloride (Co) held in a base paper sheet (B), so that the cobalt chloride (Co) is exposed to the humidity-determining face, whereby humidity is determined by the discoloration of the cobalt chloride (Co) on the humidity-determining face (M1 to M4), characterized in that

10 said humidity indicator further includes a first film (F1) covering the surface of said humidity-determining plate (P), and a second film (F2) covering the back of said humidity-determining plate (P);

15 a flat air layer (Au) is formed at least between the first film (F1) and the surface of the humidity-determining plate (P), so that the entire surface of said humidity-determining face (M1 to M4) faces to said air layer (Au); and

20 a plurality of small holes (H) are formed at distances from one another in said first film (F1) to permit the direct communication of said air layer (Au) with the atmosphere.

2. The humidity indicator according to claim 1, wherein said first and second films (F1, F2) are formed to protrude from an outer peripheral edge of said humidity-determining plate (P) and bonded (m) at outer peripheral edge portions (F1a and 25 F2a) thereof directly to each other.

3. The humidity indicator according to claim 1 or 2, wherein

a plurality of said humidity-determining faces (M1 to M4) are arranged at distances on the surface of said humidity-determining plate (P) in correspondence to a plurality of different humidity levels, respectively; and

5 said air layer (Au) is formed commonly to a plurality of said humidity-determining faces (M1 to M4).

4. The humidity indicator according to claim 1, 2 or 3, wherein said base paper sheet (B) is a filter paper having a hygroscopicity;

10 a flat second air layer (Ad) is formed between said second film (F2) and the back of said humidity-determining plate (P), so that at least a region or regions of said back corresponding to said humidity-determining face or faces (M1 to M4) face to the second air layer (Ad); and

15 a plurality of small holes (H') are formed at distances from one another in said second film (F2) to permit the direct communication of said second air layer (Ad) with the atmosphere.

5. The humidity indicator according to claim 1, 2, 3 or 4, wherein that each of said films (F1, F2) has been subjected
20 to an antistatic treatment.